



Receipt  
**FILE COPY**

PATENT

#5

Corr F.R.  
Phillip DeLoatch  
8/16/01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Henry Li, et al.  
Application No. : 09/522, 185  
Filed : March 09, 2000  
Title : VOICE AND DATA EXCHANGE OVER A PACKET  
BASED NETWORK

Grp./Div. : 2748  
Examiner : Not Assigned  
Docket No. : 36713/CAG/B600

I HEREBY CERTIFY THAT THIS CORRESPONDENCE  
IS BEING DEPOSITED WITH THE U.S. POSTAL  
SERVICE AS FIRST CLASS MAIL IN AN ENVELOPE  
ADDRESSED TO: ASSISTANT COMMISSIONER FOR  
PATENTS, WASHINGTON, D.C. 20231 ON

7/25/00  
DATE  
Signature  
Carmelo W. Reed

LETTER TO CORRECT FILING RECEIPT

Assistant Commissioner for Patents  
Office of Initial Patent Examination  
Customer Service Center  
Washington, D.C. 20231

Pasadena, CA 91109-7068  
July 25, 2000

Commissioner:

When proofing the Filing Receipt for the above-identified application, we located the following error:

Please correct the addresses for applicants as follows:

Henry Li, Vancouver, B.C., CANADA;  
David M. Enns, Vancouver, B.C., CANADA;  
Jordan J. Nicol, Vancouver, B.C., CANADA;  
Kenny C. Kwan, New Westminister, B.C., CANADA;  
Ross Mitchell, Tsawassen, B.C., CANADA;  
Wilf LeBlanc, Vancouver, B.C. CANADA  
Ken Unger, Surrey, B.C., CANADA  
John Payton, Middletown, MD;  
Shawn Stevenson, New Westminister, B.C., CANADA  
Bill Boora, Surrey, B.C., CANADA  
Onur Tackin, Vancouver, B.C., CANADA

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Additionally in the Continuing Data as Claimed by Applicant, please list as follows;

THIS APPLICATION IS A CIP OF 09/493,458 01/28/2000  
WHICH IS A CIP OF 09/454,219 12/09/1999  
WHICH CLAIMS BENEFIT OF 60/154,903 09/20/1999  
AND CLAIMS BENEFIT OF 60/156,266 09/27/1999  
AND CLAIMS BENEFIT OF 60/157,470 10/01/1999  
AND CLAIMS BENEFIT OF 60/160,124 10/18/1999  
AND CLAIMS BENEFIT OF 60/161,152 10/22/1999  
AND CLAIMS BENEFIT OF 60/162,315 10/28/1999  
AND CLAIMS BENEFIT OF 60/163,169 11/02/1999  
AND CLAIMS BENEFIT OF 60/163,170 11/02/1999  
AND CLAIMS BENEFIT OF 60/163,600 11/04/1999  
AND CLAIMS BENEFIT OF 60/164,379 11/09/1999  
AND CLAIMS BENEFIT OF 60/164,690 11/10/1999  
AND CLAIMS BENEFIT OF 60/164,689 11/10/1999  
AND CLAIMS BENEFIT OF 60/166,289 11/18/1999  
AND CLAIMS BENEFIT OF 60/171,203 12/15/1999  
AND CLAIMS BENEFIT OF 60/171,180 12/16/1999  
AND CLAIMS BENEFIT OF 60/171,169 12/16/1999  
AND CLAIMS BENEFIT OF 60/171,184 12/16/1999  
AND CLAIMS BENEFIT OF 60/178,258 01/25/2000

As proof of the requested corrections, please see the attached copies of Applicant's Utility Patent Application Transmittal, and Declaration and Power of Attorney.

Please forward a Corrected Filing Receipt to the undersigned.

Respectfully submitted,

CHRISTIE, PARKER & HALE, LLP

By Craig A. Gelfound  
Craig A. Gelfound  
Reg. No. 41,032  
(626) 795-9900

CAG/cmr

Enclosure: Copy of Filing Receipt

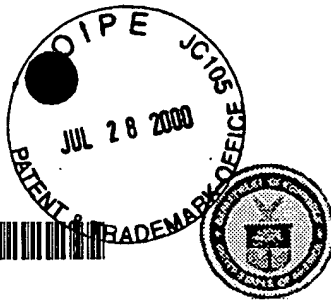
CMR PAS259721.1.\*-7/25/00 8:51 AM

CAG

## FILING RECEIPT



\*OC00000005135662\*

UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark OfficeAddress: ASSISTANT SECRETARY AND  
COMMISSIONER OF PATENT AND TRADEMARKS  
Washington, D.C. 20231

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/522,185	03/09/2000	2748	2790	36713/CAG/B600	34	128	5

RECEIVED

Christie Park & Hale LLP  
P O Box 7068  
Pasadena, CA 91109-7068

B600:  
36713  
CASE # ACTION  
REMINDER DUE DATE  
RECEIVED

MAY 26 2000

Christie, Parker & Hale  
Date Mailed: 05/23/2000

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the PTO processes the reply to the Notice, the PTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

Henri Li, Vancouver, CANADA;  
David M. Ennis, Vancouver, CANADA;  
Jordan J. Nicol, Vancouver, CANADA;  
Kenny C. Kwan, New Westminster, CANADA;  
Ross Mitchell, Tsawassen, CANADA;  
Wilf LeBlanc, Vancouver, CANADA;  
Ken Unger, Surrey, CANADA;  
John Payton, Middleton, MD;  
Shawn Stevenson, New Westminster, CANADA;  
Bill Boora, Surrey, CANADA;  
Onur Tackin, Vancouver, CANADA;

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## Continuing Data as Claimed by Applicant

THIS APPLICATION IS A CIP OF 09/493,458 01/28/2000  
WHICH IS A CIP OF 09/454,219 12/09/1999  
WHICH CLAIMS BENEFIT OF 60/154,903 09/20/1999  
WHICH CLAIMS BENEFIT OF 60/156,266 09/27/1999  
WHICH CLAIMS BENEFIT OF 60/157,470 10/01/1999  
WHICH CLAIMS BENEFIT OF 60/164,690 11/10/1999  
WHICH CLAIMS BENEFIT OF 60/164,689 11/10/1999

## Foreign Applications

If Required, Foreign Filing License Granted 05/23/2000

**Title**

Voice and data exchange over a packet based network

**Preliminary Class**

704

**Data entry by :** HARRISON, BRUCE**Team :** OIPE**Date:** 05/23/2000

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AUG 16 2000

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**LICENSE FOR FOREIGN FILING UNDER  
Title 35, United States Code, Section 184  
Title 37, Code of Federal Regulations, 5.11 & 5.15**

**GRANTED**

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 36 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

**NOT GRANTED**

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

**PLEASE NOTE the following information about the Filing Receipt:**

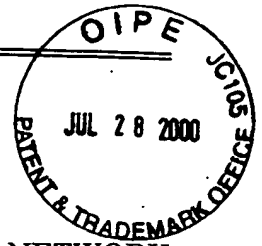
- The articles such as "a," "an" and "the" are not included as the first words in the title of an application. They are considered to be unnecessary to the understanding of the title.
- The words "new," "improved," "improvements in" or "relating to" are not included as first words in the title of an application because a patent application, by nature, is a new idea or improvement.
- The title may be truncated if it consists of more than 600 characters (letters and spaces combined).
- The docket number allows a maximum of 25 characters.
- If your application was submitted under 37 CFR 1.10, your filing date should be the "date in" found on the Express Mail label. If there is a discrepancy, you should submit a request for a corrected Filing Receipt along

with a copy of the Express Mail label showing the "date in."

Any corrections that may need to be done to your Filing Receipt should be directed to:

Assistant Commissioner for Patents  
Office of Initial Patent Examination  
Customer Service Center  
Washington, DC 20231

**UTILITY PATENT APPLICATION TRANSMITTAL**  
(Only for new nonprovisional applications under 37 CFR 1.53(b))



Docket No. : 36713/CAG/B600  
Inventor(s) : Henry Li, et al.  
Title : VOICE AND DATA EXCHANGE OVER A PACKET BASED NETWORK  
Express Mail Label No. : EL521382737US

ADDRESS TO: Assistant Commissioner for Patents  
Box Patent Application  
Washington, D.C. 20231

Date: March 9, 2000

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1. ☒ **FEE TRANSMITTAL FORM** (Submit an original, and a duplicate for fee processing.)

2. **IF A CONTINUING APPLICATION**

☒ The present application is a continuation-in-part of co-pending patent Application No. 09/493,458, filed January 28, 2000, which is a continuation-in-part of co-pending Application No. 09/454,219, filed December 9, 1999, priority of each application which is hereby claimed under 35 U.S.C. § 120.

Prior application information: Examiner ; Group Art Unit:

☒ This application claims priority pursuant to 35 U.S.C. §119(e) and 37 CFR §1.78(a)(4), to provisional Application No. 60/154,903, filed September 20, 1999; Application No. 60/156,266, filed September 27, 1999; Application No. 60/157,470, filed October 1, 1999; Application No. 60/160,124, filed October 18, 1999; Application No. 60/161,152, filed October 22, 1999; Application No. 60/162,315, filed October 28, 1999; Application No. 60/163,169, filed November 2, 1999; Application No. 60/163,170, filed November 2, 1999; Application No. 60/163,600, filed November 4, 1999; Application No. 60/164,379, filed November 9, 1999; Application No. 60/164,690, filed November 10, 1999; Application No. 60/164,689, filed November 10, 1999; Application No. 60/166,289, filed November 18, 1999; Application No. 60/171,203, filed December 15, 1999; Application No. 60/171,180, filed December 16, 1999; Application No. 60/171,169, filed December 16, 1999; Application No. 60/171,184, filed December 16, 1999, and Application No. 60/178,258, filed January 25, 2000.

3. **APPLICATION COMPRISED OF**

**Specification**

133 Specification, claims and Abstract (total pages)

**Drawings**

34 Sheets of drawing(s) (FIGS. 1 to 36)

**Declaration and Power of Attorney**

☐ Newly executed

☒ No executed declaration

☐ Copy from a prior application (37 CFR 1.63(d))(for continuation and divisional)

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**UTILITY PATENT APPLICATION TRANSMITTAL**  
(Only for new nonprovisional applications under 37 CFR 1.53(b))

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Docket No.: 36713/CAG/B600

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4. ☐ **Microfiche Computer Program** (*Appendix*)
5. ☐ **Nucleotide and/or Amino Acid Sequence Submission** (*if applicable, all necessary*)
- ☐ Computer Readable Copy
- ☐ Paper Copy (identical to computer copy)
- ☐ Statement verifying identity of above copies
6. **ALSO ENCLOSED ARE**
- ☐ Preliminary Amendment
- ☐ A Petition for Extension of Time for the parent application and the required fee are enclosed as separate papers
- ☐ Small Entity Statement(s)
- ☐ Statement filed in parent application, status still proper and desired
- ☐ Copy of Statement filed in provisional application, status still proper and desired
- ☐ An Assignment of the invention with the Recordation Cover Sheet and the recordation fee are enclosed as separate papers
- ☐ This application is owned by pursuant to an Assignment recorded at Reel , Frame
- ☐ Information Disclosure Statement (IDS)/PTO-1449
- ☐ Copies of IDS Citations
- ☐ Certified copy of Priority Document(s) (*if foreign priority is claimed*)
- ☐ English Translation Document (*if applicable*)
- ☒ Return Receipt Postcard (MPEP 503) (should be specifically itemized).
- ☐ Other

**7. CORRESPONDENCE ADDRESS**

**CHRISTIE, PARKER & HALE, LLP, P.O. BOX 7068, PASADENA, CA 91109-7068**

Respectfully submitted,

CHRISTIE, PARKER & HALE, LLP

By Craig A. Gelfound  
Craig A. Gelfound  
Reg. No. 41,032  
626/795-9900

CAG/ej

# FEE TRANSMITTAL UTILITY PATENT APPLICATION



DATE: March 9, 2000

Docket No. : 36713/CAG/B600  
Inventor(s) : Henry Li, et al.  
Title : VOICE AND DATA EXCHANGE OVER A PACKET BASED NETWORK

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FEE CALCULATIONS					
CLAIMS		NUMBER FILED	NUMBER EXTRA	RATE	CALCULATIONS
A	TOTAL CLAIMS	128 - 20 =	108	108 x \$9.00	\$972.00
B	INDEPENDENT CLAIMS	5 - 3 =	2	2 x \$39.00	\$ 78.00
C	SUBTOTAL SMALL ENTITY FEE = A + B LARGE ENTITY FEE = 2 X (A + B)				2,100.00
D	BASIC FEE SMALL ENTITY FEE = \$345.00 LARGE ENTITY FEE = \$690.00				690.00
E	MULTIPLE-DEPENDENT CLAIMS FEE SMALL ENTITY FEE = \$130.00 LARGE ENTITY FEE = \$260.00				0
F	TOTAL FILING FEE (ADD LINES C, D, AND E)				2,790.00
List Independent Claims: 1, 26, 49, 74 & 95					

List Independent Claims: 1, 26, 49, 74 & 95

## METHOD OF PAYMENT

- ☒ Payment Enclosed: Check for \$2,790.00
- ☒ The Commissioner is hereby authorized to charge any fees under 37 CFR 1.16 and 1.17 which may be required during the **entire pendency** of the application to Deposit Account No. 03-1728. Please show our docket number with any charge or credit to our Deposit Account. **A copy of this letter is enclosed.**

Respectfully submitted,

CHRISTIE, PARKER & HALE, LLP

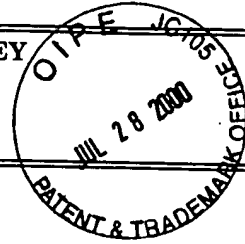
By Craig A. Gelfound  
Craig A. Gelfound  
Reg. No. 41,032  
626/795-9900



DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATIONS

PATENT

Docket No. : 36713/CAG/B600



As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled VOICE AND DATA EXCHANGE OVER A PACKET BASED NETWORK, the specification of which is attached hereto unless the following is checked:

\_\_\_ was filed on \_\_\_ as United States Application Number or PCT International Application Number \_\_\_ and was amended on \_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of the foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

<u>Application Number</u>	<u>Country</u>	<u>Filing Date (day/month/year)</u>	<u>Priority Claimed</u>
---------------------------	----------------	-------------------------------------	-------------------------

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below.

<u>Application Number</u>	<u>Filing Date</u>
60/154,903	September 20, 1999
60/156,266	September 27, 1999
60/157,470	October 1, 1999
60/160,124	October 18, 1999
60/161,152	October 22, 1999
60/162,315	October 28, 1999
60/163,169	November 2, 1999
60/163,170	November 2, 1999
60/163,600	November 4, 1999
60/164,379	November 9, 1999
60/164,690	November 10, 1999
60/164,689	November 10, 1999
60/166,289	November 18, 1999
60/171,203	December 15, 1999
60/171,180	December 16, 1999
60/171,169	December 16, 1999
60/171,184	December 16, 1999
60/178,258	January 25, 2000

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**DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATIONS**

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**Docket No. 36713/CAG/B600**

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I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

<u>Application Number</u>	<u>Filing Date</u>	<u>Patented/Pending/Abandoned</u>
09/493,458	January 28, 2000	Pending
09/454,219	December 9, 1999	Pending

**POWER OF ATTORNEY:** I hereby appoint the following attorneys and agents of the law firm CHRISTIE, PARKER & HALE, LLP to prosecute this application and any international application under the Patent Cooperation Treaty based on it and to transact all business in the U.S. Patent and Trademark Office connected with either of them in accordance with instructions from the assignee of the entire interest in this application; or from the first or sole inventor named below in the event the application is not assigned; or from \_\_ in the event the power granted herein is for an application filed on behalf of a foreign attorney or agent.

R. W. Johnston	(17,968)	John W. Eldredge	(37,613)	Gary J. Nelson	(44,257)
D. Bruce Prout	(20,958)	Gregory S. Lampert	(35,581)	Raymond R. Tabandeh	(43,945)
Hayden A. Carney	(22,653)	Grant T. Langton	(39,739)	Phuong-Quan Hoang	(41,839)
Richard J. Ward, Jr.	(24,187)	Constantine Marantidis	(39,759)	Kathy Mojibi	(41,409)
Russell R. Palmer, Jr.	(22,994)	Marilyn R. Khorsandi	(P-45,744)	Cynthia A. Bonner	(44,548)
LeRoy T. Rahn	(20,356)	Daniel R. Kimbell	(34,849)	Jun-Young E. Jeon	(43,693)
Richard D. Seibel	(22,134)	Craig A. Gelfound	(41,032)	Marc A. Karish	(44,816)
Walter G. Maxwell	(25,355)	Syed A. Hasan	(41,057)	John F. O'Rourke	(38,985)
William P. Christie	(29,371)	Kathleen M. Olster	(42,052)	Richard J. Paciulan	(28,248)
David A. Dillard	(30,831)	Daniel M. Cavanagh	(41,661)	Josephine E. Chang	(P-46,083)
Thomas J. Daly	(32,213)	Molly A. Holman	(40,022)	Albert J. Harnois, Jr.	(P-46,123)
Vincent G. Gioia	(19,959)	Lucinda G. Auciello	(42,270)	Steven E. Johnson	(P-45,916)
Edward R. Schwartz	(31,135)	Norman E. Carte	(30,455)	Frank L. Cire	(42,419)
John D. Carpenter	(34,133)	Joel A. Kauth	(41,886)	Harold E. Wurst	(22,183)
David A. Plumley	(37,208)	Patrick Y. Ikehara	(42,681)	Robert A. Green	(28,301)
Wesley W. Monroe	(39,778)	Mark Garscia	(31,953)		

The authority under this Power of Attorney of each person named above shall automatically terminate and be revoked upon such person ceasing to be a member or associate of or of counsel to that law firm.

**DIRECT TELEPHONE CALLS TO :** Craig A. Gelfound, 626/795-9900  
**SEND CORRESPONDENCE TO :** CHRISTIE, PARKER & HALE, LLP  
P.O. Box 7068, Pasadena, CA 91109-7068

I declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

**DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATIONS**

**Docket No. 36713/CAG/B600**

Full name of sole or first joint inventor <b>Henry Li</b>	Inventor's signature	Date
Residence and Post Office Address <b>1468 W. 54 Ave., Vancouver, B.C. Canada V6P 1N9</b>		Citizenship

Full name of second joint inventor <b>David M. Enns</b>	Inventor's signature	Date
Residence and Post Office Address <b>3083 E. Kent Avenue North #1206, Vancouver, B.C. Canada V55 4R2</b>		Citizenship

Full name of third joint inventor <b>Jordan J. Nicol</b>	Inventor's signature	Date
Residence and Post Office Address <b>2478 West 22<sup>nd</sup> Avenue, Vancouver, B.C. Canada V6L 1M2</b>		Citizenship

Full name of fourth joint inventor <b>Kenny C. Kwan</b>	Inventor's signature	Date
Residence and Post Office Address <b>#804 - 420 Carnarvon Street, New Westminster, B.C. Canada V3L 5P1</b>		Citizenship

Full name of fifth joint inventor <b>Ross Mitchell</b>	Inventor's signature	Date
Residence and Post Office Address <b>1375 Enderby, Tsawassen, B.C. Canada V4L 1S9</b>		Citizenship

Full name of sixth joint inventor <b>Wilf LeBlanc</b>	Inventor's signature	Date
Residence and Post Office Address <b>1398 Nelson Street, Vancouver, B.C. Canada V6E 1J9</b>		Citizenship

Full name of seventh joint inventor <b>Ken Unger</b>	Inventor's signature	Date
Residence and Post Office Address <b>7433 146<sup>th</sup> Street, Surrey, B.C. Canada V3F 8Y8</b>		Citizenship

Full name of eighth joint inventor <b>John Payton</b>	Inventor's signature	Date
Residence and Post Office Address <b>7360 Deer Spring Road, Middletown, MD 21769</b>		Citizenship

Full name of ninth joint inventor <b>Shawn Stevenson</b>	Inventor's signature	Date
Residence and Post Office Address <b>203-838 Agnes Street, New Westminster, B. C. Canada V3M 6R3</b>		Citizenship

**DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATIONS**

**Docket No. 36713/CAG/B600**

Residence and Post Office Address 203-838 Agnes Street, New Westminster, B. C. Canada V3M 6R3	Citizenship
--	-------------

Full name of tenth joint inventor Bill Boora	Inventor's signature	Date
Residence and Post Office Address 6240 146 <sup>th</sup> Street, Surrey, B.C. Canada V3S 3A4		Citizenship

Full name of eleventh joint inventor Onur Tackin	Inventor's signature	Date
Residence and Post Office Address 415-2570 Hemlock Street, Vancouver, B.C. Canada V6H 2V4		Citizenship

Full name of twelfth joint inventor	Inventor's signature	Date
Residence and Post Office Address		Citizenship

Full name of thirteenth joint inventor	Inventor's signature	Date
Residence and Post Office Address		Citizenship

Full name of fourteenth joint inventor	Inventor's signature	Date
Residence and Post Office Address		Citizenship

Full name of fifteenth joint inventor	Inventor's signature	Date
Residence and Post Office Address		Citizenship

EJ PAS237714.1.\*-3/9/00 7:07 PM